

jecting the same to heat for fusing the nodules of glass together and to the main portion of the lens, and grinding and polishing the same.

3. The process of making fused bifocal lenses, which process consists in forming the main portion of the lens with a recess to receive the reading segment, placing in said recess concentric partition bands, leaving annular chambers in and surrounding said bands, filling said chambers with nodules of glass of different indices of refraction, removing said partition bands, fusing said nodules of glass together and to the main portion of the lens, and grinding and polishing the lens.

4. The process of making fused bifocal lenses, which process consists in forming the main portion of the lens with a recess to receive a reading segment, placing in said reading segment concentric partition bands which leave chambers in and around said bands, filling said chambers with nodules of glass of a higher index of refraction than the main portion of the lens and with the indices of said groups of nodules diminishing from

the center to the main portion of the lens, removing said partition bands, fusing said glass nodules together into the main portion of the lens, and grinding and polishing the lens.

5. The process of making fused bifocal lenses, which process consists in forming the main portion of the lens with a recess to receive the reading segment, placing in said recess concentric partition bands, leaving chambers in and around said bands, crushing different bodies of glass having a higher index of refraction than the main portion of the lens into particles, treating said particles to round them into nodules, placing in each of said chambers nodules of a single index and with the indices of the series of chambers diminishing from the center to the main portion of the lens, removing said partition bands, fusing said nodules together and to the main portion of the lens, and grinding and polishing the same.

In witness whereof, I have hereunto affixed my signature.

LUCIAN W. BUGBEE.